

ABSTRACT

A patient receives a baseline medical image. The image is either a digital product or scanned/converted to a digital image and stored as a computer file for future use.

When this patient receives subsequent imagery, the radiologist loads the baseline image file into a computer along with the new image file. The radiologist then runs a program on the computer that compares, bit-by-bit, the two digital images and identifies and highlights all differences between the two. The product of this process provides the radiologist with near instantaneous imagery changes that may be too small for the naked eye to identify.